

# CROW WING COUNTY

## Snow Event 12-2023-17 March 22, 2023



### Reported Event Conditions

Date:	3/22/2023
Event No:	12-2023-17
Begin Time:	3/21 3PM
End Time:	3/22 6AM
Weather:	Snow
Precipitation:	5" Snow
Temperature:	35/15
Wind:	10-30 MPH

### Event Costs

Salt	\$13,050
Sand	\$0
Brine	\$754
Equipment/Fuel	\$23,595
Personnel Reg.	\$5,062
Personnel OT	\$2,442
<b>Total</b>	<b>\$44,903</b>
Cost Mile	\$80
Season Total:	2.12M

### Priority By Route

#### Priority 1

% Target 1A Met:	100%
% Target 1B Met:	100%

#### Priority 2

% Target 2A Met:	100%
% Target 2B Met:	100%

#### Priority 3

% Target 3A Met:	100%
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— MnDOT Highway

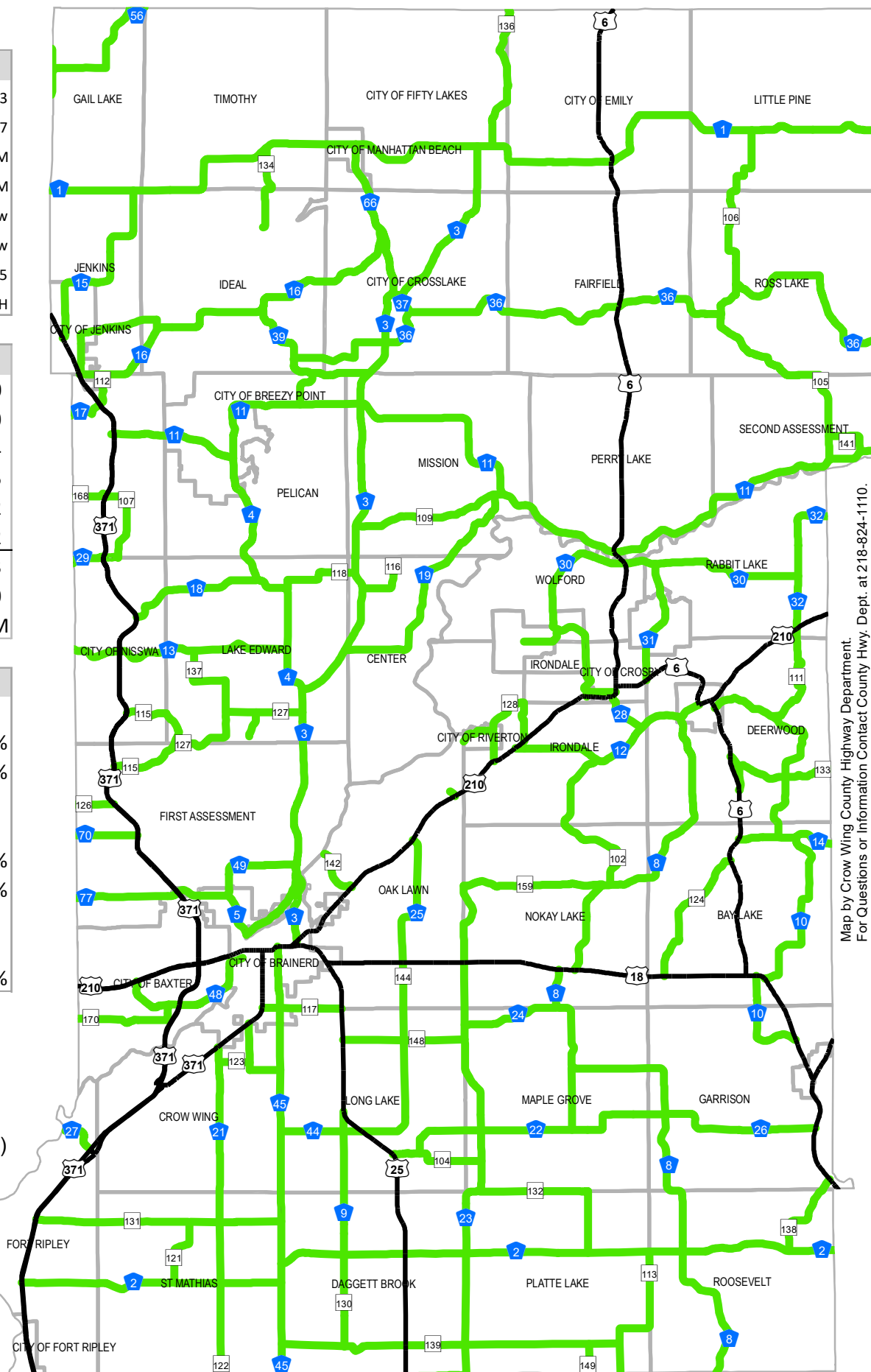
### Route Priority

- 1 (ADT>5000)
- 2 (500>ADT<5000)
- 3 (ADT<500)

### Route Target

- Target Achieved
- Target Partly Achieved
- Target Not Achieved

Report Date: 3/23/2023



Map by Crow Wing County Highway Department  
For Questions or Information Contact County Hwy. Dept. at 218-824-1110.  
For Information on State Highways Contact MnDOT at 218-828-5700.

**Date 3-22-23**

<b>Total</b>	\$44,903	10.0 Plow hrs.	\$4,490 per/hr.
		160 Man hrs.	\$80 per/CL/mile
			\$1.69 per/household for entire County

3" of snow forecasted to begin falling at 4:00 pm 3-21-23 and continue until 3:00 am 3-22-23. Strong winds 10-30 mph. Temps around 30 degrees.

Begin plowing at 3:00 am 3-22-23 and apply 200 lbs of salt on centerline.

**Event ended** 3-22-23 6:00AM

Snow began mid afternoon 3-21-23. The roads were warm and it melted as it fell. This continued until around 8 pm when the snow began to stick and accumulate. Plows began at 3:00 am 3-22. The snow ended around 6:00 am. The roads had some compaction but they broke quickly after plowing and targets were achieved quickly with the warm air and pavement temps. Wind was not a factor with the 5" of wet heavy snow.

5" wet heavy snow.

Date	High	Low
3/20/2023	34	15
3/21/2023	34	30
3/22/2023	35	15
3/23/2023	35	9

Source: weather.com. Monthly Weather. 56401

Roads cleaned up well with warmer pavement temps.

3:00 am start time worked well.

Could have started earlier as the pavement and air temps held warmer than forecasted. Only slight compaction that broke quickly once plowed.

Plowing		Goals
Priority 1	Met	6 hr.
Priority 2	Met	8 hr.
Priority 3	Met	10 hr.

Bare wheel paths		Goals
Priority 1	Met	18 Hr.
Priority 2	Met	48 hr.